

IN THE CLAIMS

Please amend the claims 1, 2-3, 6-8, 10-11, 14-16, 18-19 and 22-24, as follows:

WHAT IS CLAIMED IS:

1 1. (Previously Amended) A method for loading data from a remote data source record by  
2 record, in a computer system network connecting a source site and a target site via a database  
3 connection communication line, the method comprising the following steps:  
4 (a) coupling the source site to at least one data source and to a software server having  
5 multi-database access to DBMSs;  
6 (b) at the target site requesting data loading from the source site via a block of Structured  
7 Query Language (SQL) statements; and  
8 (c) transporting data record by record via the database connection communication line  
9 according to a multi-database access communication protocol, wherein the target site loading  
10 records concurrently with the unloading of records in the source site.

1 2. (Currently Amended) The method according to claim 1, wherein a data record is being  
2 transported across the database connection communication line as soon as one or more data  
3 records are unloaded from the source site, and data loading at the target site beginning as soon as  
4 a record was transported to the target site.

1 3. (Currently Amended) The method according to claim 1, wherein the data loading is being  
2 performed in a pipeline manner, loading data records in multiple partitions with a plurality of  
3 parallel streams, pointed to by a plurality of data source partition cursors.

1 4. (Original) The method according to claim 1, wherein the block of SQL statements  
2 comprises dynamic executable SQL statements performing in the EXECUTE IMMEDIATE  
3 mode.

1 5. (Previously Amended) The method according to claim 1, wherein the block of SQL  
2 statements comprises:

3 a SQL DECLARE CURSOR FOR SELECT statement, for defining a cursor referencing  
4 separately each SELECT statement result record unloading from the server site, and

5 a LOAD command and an operator INCURSOR with the cursor name for pointing to the  
6 receiving record at the target site.

1 6. (Currently Amended) The method according to claim 1, wherein the server site has  
2 ~~having~~ access to multiple data sources, physically distributed and disparate DBMSs, residing on  
3 different hardware systems and possibly storing data in a different format.

1 7. (Currently Amended) The method according to claim 6, wherein the server site loads  
2 ~~loading~~ data from multiple data sources, further comprising a step for using a means for  
3 consolidating data from multiple data sources.

1 8. (Currently Amended) The method according to claim 1, wherein the database connection  
2 communication line utilizing the TCP/IP protocol, and the software server has ~~having~~ multi-  
3 database access to DBMSs including a Distributed Relational Database Architecture (DRDA).

1 9. (Previously Amended) A system for loading data from a remote data source record by  
2 record, comprising:

3 a source site coupled to at least one data source and having a software server with multi-  
4 database access to DBMSs;

5 a target site requesting data loading from the source site via a block of Structured Query  
6 Language (SQL) statements; and

7 a database connection communication line for transporting data record by record and  
8 according to a multi-database access communication protocol, wherein the target site loading  
9 records concurrently with the unloading of records in the source site.

1 10. (Currently Amended) The system according to claim 9, wherein a data record is being  
2 transported across the database connection communication line as soon as one or more data  
3 records are unloaded from the source site, and data loading at the target site beginning as soon as  
4 a record was transported to the target site.

1 11. (Currently Amended) The system according to claim 9, wherein the data loading is being  
2 performed in a pipeline manner, loading data records in multiple partitions with a plurality of  
3 parallel streams, pointed to by a plurality of data source partition cursors.

1 12. (Original) The system according to claim 9, wherein the block of SQL statements  
2 comprises dynamic executable SQL statements performing in the EXECUTE IMMEDIATE  
3 mode.

1 13. (Previously Amended) The system according to claim 9, wherein the block of SQL  
2 statements comprises:

3 a SQL DECLARE CURSOR FOR SELECT statement, for defining a cursor referencing  
4 separately each SELECT statement result record unloading from the server site, and

5 a LOAD command and an operator INCURSOR with the cursor name for pointing to the  
6 receiving record at the target site.

1 14. (Currently Amended) The system according to claim 9, wherein the server site has having  
2 access to multiple data sources, physically distributed and disparate DBMSs, residing on  
3 different hardware systems and possibly storing data in a different format.

1 15. (Currently Amended) The system according to claim 14, wherein the server site loads  
2 ~~loading~~ data from multiple data sources, further comprising a means for consolidating data from  
3 multiple data sources.

1 16. (Currently Amended) The system according to claim 9, wherein the database connection  
2 communication line utilizing the TCP/IP protocol, and the software server has having multi-  
3 database access to DBMSs including a Distributed Relational Database Architecture (DRDA).

1 17. (Previously Amended) A program storage device readable by a computer tangibly  
2 embodying a program of instructions executable by the computer to perform method steps for  
3 loading data from a remote data source record by record, in a computer system network  
4 connecting a source site and a target site via a database connection communication line, the  
5 method comprising the following steps:

6 (a) coupling the source site to at least one data source and to a software server having  
7 multi-database access to DBMSs;

8 (b) at the target site requesting data loading from the source site via a block of Structured  
9 Query Language (SQL) statements; and

10 (c) transporting data record by record via the database connection communication line  
11 according to a multi-database access communication protocol, wherein the target site loading  
12 records concurrently with the unloading of records in the source site.

1 18. (Currently Amended) The method according to claim 17, wherein a data record is being  
2 transported across the database connection communication line as soon as one or more data  
3 records are unloaded from the source site, and data loading at the target site beginning as soon as  
4 a record was transported to the target site.

1 19. (Currently Amended) The method according to claim 17, wherein the data loading is  
2 being performed in a pipeline manner, loading data records in multiple partitions with a plurality  
3 of parallel streams, pointed to by a plurality of data source partition cursors.

1 20. (Original) The method according to claim 17, wherein the block of SQL statements  
2 comprises dynamic executable SQL statements performing in the EXECUTE IMMEDIATE  
3 mode.

1 21. (Previously Amended) The method according to claim 17, wherein the block of SQL  
2 statements comprises:

3 a SQL DECLARE CURSOR FOR SELECT statement, for defining a cursor referencing  
4 separately each SELECT statement result record unloading from the server site, and

5 a LOAD command and an operator INCURSOR with the cursor name for pointing to the  
6 receiving record at the target site.

1 22. (Currently Amended) The method according to claim 17, wherein the server site has  
2 ~~having~~ access to multiple data sources, physically distributed and disparate DBMSs, residing on  
3 different hardware systems and possibly storing data in a different format.

1 23. (Currently Amended) The method according to claim 22, wherein the server site loads  
2 ~~loading~~ data from multiple data sources, further comprising a step for using a means for  
3 consolidating data from multiple data sources.

1 24. (Currently Amended) The method according to claim 17, wherein the database  
2 connection communication line utilizing the TCP/IP protocol, and the software server has ~~having~~

- 3 multi-database access to DBMSs including a Distributed Relational Database Architecture
- 4 (DRDA).